INDEX.

ABDOMINAL muscles, Tuberculosis of, 734; wall, Retrenchment of lipomatous, 663.

Actinomycosis hominis, 668.

Amputation at knee, Gritti's method for, 602.

Anæsthetics, Influence of, on effects of sensory irritation, 377.

Anatomy, Surgical, Review of Deaver's Treatise on, 865.

Aneurism of aorta and subclavian, 452; popliteal, Gangrene of foot after ligation of femoral artery, 612.

Antitoxin therapy of tetanus, 219.

Appendicectomy followed by intestinal obstruction from adhesive bands, 292.

Appendicitis, Rare complications after operations for, 448; Review of Deaver's Treatise on, 869; with general peritoneal infection, Recovery from, 139.

Arteries, Suture of, 728, 730.

Atresia of duodenum, Congenital, 858.

BECK, CARL, New method of colpoplasty in case of absence of vagina, 572.

BINNIE, JOHN FAIRBAIRN, Method of excision of the shoulder-joint, 283.

Bladder, Hernia of, through pelvic floor, 369; Partial resection of, with seminal vesicles and vasa deferentia, 557.

Blood-vessels, Circular suture of, in man, 728.

BOLTON, PERCY R., Excision of testis, vas deferens, and seminal vesicle for tuberculosis, 606

BOVEE, J. WESLEY, Critical survey of ureteral implantations, 165.

Brain, Trephining for tumors of the, 855.

Breast, Carcinoma of, 725; Fibroma plus tuberculosis of, 604; Operations for carcinoma of, at the Heidelberg Clinic, 856.

BREWER, GEORGE E., The leucocyte count in surgery, 145; Closure of wounds without suture, 447; Complications after operations for appendicitis, 450.

BRYSON, JOHN P., The technique of prostatectomy, 874.

BUCHANAN, JOHN J., Traumatic rupture of small intestine, recovery after abdominal section, 673.

BULLITT, JAMES B., Retrenchment of lipomatous abdominal wall combined with operation for radical cure of umbilical hernia, 663.

CABOT, ARTHUR TRACY, Adhesions about the stomach, 123.

Carcinoma in youths, 608.

Carotids, external, Excision of, for starving malignant growths, 296.

Castration for prostatic hypertrophy, Results of, 309.

Charcot's disease of the knee-joint, Resection for, 130.

Charts for recording surgical cases, 823.

Cheyne and Buyhard's Manual of Surgical Treatment, Review of, 747.
Cocainization, spinal, Surgical analgesia by, 847.
COLEY, WILLIAM B., Case of strangulated properitoneal hernia, 136; Complications after operations for appendicitis, 451; Permanent cure of hernia, 610; Non-malignant adenoma of ovaries, 611; Sarcoma of testis, 712; The radical cure of inguinal hernia in the female, 802.
Colitis, Surgical treatment of, 857.
COPLIN, W. M. L., Echinococcus cysts, 721; Carcinoma of the breast, 725.
CORNER, EDWARD M., Structure, fracture, and refracture of the patella, 749.
CORSON, EUGENE R., A skiagraphic study of the normal membral epiphyses, 621.
COTTON, FREDERIC J., Pathology of fracture of the lower extremity of the radius, 194, 388.
Cubitus varus, Traumatic, 301, 610; Errata, 748.
CURTIS, B. FARQUHAR, Surgical treatment of simple dilatation of the stomach, and of gastroptosis, 41; The leucocyte count in surgery, 144; Femoral phlebitis after operations for appendicitis, 452; Tumor of the median nerve, 609; Prevention of cubitus varus, 610; Surgical treatment of intestinal obstruction, 611; Popliteal aneurism, 612.

DAWBARN, ROBERT H. M., Starving malignant growths by excision of both external carotids, 296; Cystic distention of internal saphenous vein simulating femoral hernia, 297.
DEAVER, JOHN B., Pancreatic cyst, 723; Carcinoma of the breast, 725; Carcinoma of the rectum, 726; Treatise on Surgical Anatomy, Review of, 865; Treatise on Appendicitis, Review of, 869.
DOWD, CHARLES N., Ability of the peritonæum to overcome sepsis, 139; Mesenteric cysts, 515.
DUNHAM, THEODORE, The leucocyte count in surgery, 144.
Duodenal atresia, Congenital, 858.

ECHINOCOCCUS cyst of the liver, 714, 812.
ELDER, JOHN MUNRO, Case of strangulated obturator hernia, 285.
ELIOT, ELLSWORTH, JR., Prolapse of the rectum, 138.
Enterocele, partial, Case of, 136.
Epiphyses, Skiagraphic study of the normal membral, 621; Traumatic Separation of the, Review of Poland on, 147.
ERDMANN, JOHN F., Suppurative arthritis of the knee-joint, 144; Carcinoma of intestines and peritoneum in a youth of nineteen, 608; Multiple fracture of patella, 708; Intestinal strangulation by Meckel's diverticulum, 709.
Erysipelas, Researches on the contagiousness of, 727.

FAT necrosis of the pancreas, 733.
FINNEY, JOHN T., Perforating ulcer of the stomach, 1.
FISK, ARTHUR L., Complications after operations for appendicitis, 451; Traumatic cyst of the pancreas, 708.
Foot, Tuberculosis of the bones and joints of the, 859.
FOWLER, GEORGE RYERSON, Surgical analgesia by spinal cocainization, 847.

FOWLER, RUSSELL S., Echinococcus cyst of the liver, 812.
Fractures, recent periarticular, Massage in the treatment of 351, 603.
FRAZIER, CHARLES H., Complete series of clinical charts for recording surgical cases, 823.

GASTROPTOSIS, Surgical treatment of, 41.
GIBSON, CHARLES L., Angioma of tongue and mouth, 129; Study of one thousand operations for acute intestinal obstruction and gangrenous hernia, 486, 611, 676.
Gritti's amputation, 602.

HARRINGTON, FRANCIS B., Hernia of the bladder through the pelvic floor from traction of a subperitoneal fibroma, 369.
HARRIS, MALCOLM L., The best method of collecting the urine from the ureters for diagnostic purposes, 149.
HARTE, RICHARD H., Sarcoma of intestine in childhood, 616; Excision of wrist-joint, 619.
Heidelberg Surgical Clinic, Report of, for the Year 1898, 854; Operations for carcinoma of the breast, 1887-1897, 856.
HEMMETER, JOHN C., Diagnosis of cancer of the stomach, 96.
Hernia of bladder through the pelvic floor, 369; Femoral, simulated by varicose internal saphenous vein, 297; Femoral, irreducible, gangrenous, 299; gangrenous, Results of operations for, 486, 611; Gangrenous, 676; inguinal, in the female, Radical cure of, 802; obturator, Strangulated, 285; properitoneal, Strangulated, 136; Retroperitoneal, Review of Moynihan's Lectures on, 740; umbilical, Radical cure of, 663.
History, surgical, Co-operation of surgeons in the making of, 454.
HOTCHKISS, LUCIUS W., Method of draining peritoneal cavity, 143.
HULL, LEONARD C., Case of irreducible backward dislocation of the leg at the knee-joint, 289.
Humerus, Dislocation of, complicated by fracture of surgical neck, 543; Gunstock deformity of lower end of, 301.
HUTCHISON, JAMES ALEXANDER, Excision of vas deferens and vesicula seminalis for tuberculosis, 567.

ILEOCÆCAL orifice and chronic constipation, 364.
Intestinal obstruction from adhesion bands after appendicectomy, 292; Acute cases of, 676; Study of one thousand operations for, 486, 611; Strangulation by Meckel's diverticulum, 709; suture, Experimental research upon, 735.
Intestine, Sarcoma of, in childhood, 616; traumatic rupture of, Recovery after abdominal section, 673.
Intestines and peritoneum, Carcinoma of, in a boy of nineteen, 608.

JAW, lower, Sarcoma of, resection, with long immunity from recurrence, 291.
JOHNSON, ALEXANDER B., Resection for Charcot's disease of the knee-joint, 130; Nonrecurrence after removal of sarcoma of superior maxilla, 134; Post-typhoid suppurative synovitis of wrist, 135; Long immunity from recurrence after resection of sarcoma of lower jaw, 291; Intestinal ob-

struction after appendicectomy, 292; Complications after operations for appendicitis, 448; Gritti's amputation, 602; Fibroma plus tuberculosis of the breast, 604.

KAMMERER, FREDERICK, Benign obstruction of the pylorus, 17; Carcinoma of œsophagus, 298; Irreducible gangrenous femoral hernia, 299.

Kidney, tuberculosis of, Results of surgical treatment of, 461.

KILIANI, OTTO G. T., Tuberculosis of body of sixth cervical vertebra cured by trephining, 607.

Knee-joint, Charcot's disease of, Resection for, 130; dislocation, Irreducible backward, 289; Suppuration of, 144.

Koenig's Lehrbuch der Speciellen Chirurgie, Band iii, Review of, 300.

KRAMER, SIMON PENDLETON, Influence of anæsthesia on the effects of sensory irritation, 377.

LANNELONGUE'S treatment for microcephalic idiocy, 731.

LATHROP, WALTER, Fracture of the spine, 833.

Leucocyte count in surgery, 144.

LILIENTHAL, HOWARD, Closure of wounds without suture, 446; Gumma of rectum, 609.

Liver, Echinococcus cyst of the, 714, 812.

LOUX, HIRAM R., Echinococcus cyst of the liver, 714.

LYMAN, CHARLES BALDWIN, Dislocation of humerus, with fracture at or near the surgical neck, 543.

MASSAGE in the treatment of recent periarticular fractures, 351, 603.

Maxilla, superior, sarcoma, Removal without recurrence, 134.

MAYO, WILLIAM J., Malignant diseases of the stomach and pylorus, 251; The ileocæcal orifice and its bearing on chronic constipation, 364.

Meckel's diverticulum, intestinal strangulation by, 709.

Mesenteric cysts, 515.

MEYER, WILLY, Starving malignant growths by excision of both external carotids, 296.

Microcephalic idiocy, Lannelongue's treatment for, 731.

MOSCHCOWITZ, ALEXIS P., tetanus, A study of, with critical summary of the results of serum therapy, 219, 416, 575.

Moynihan's Lectures on Retroperitoneal Hernia, Review of, 740.

MUNDELL, DAVID EDWARD, Relation of the os magnum to tuberculosis of the wrist-joint, 278.

MYNTER, HERMAN, Technique of prostatectomy, 552.

NERVE, median, Tumor of, 609.

Neuroma and Neurofibromatosis, Review of Thomson on, 872.

New York Surgical Society, Transactions of the, 129, 291, 446, 602, 606, 708.

Nimier and Laval's Lectures on Les Projectiles des Armes de Guerre, Review of, 746.

Nose and Throat, Price-Brown on Diseases of the, Review of, 148.

OBTURATOR hernia, Strangulated, 285.

Œsophagus, Carcinoma of the, 298.

OLIVER, JOHN CHADWICK, Case of actinomycosis hominis, 668.

Omental torsion, Intra-abdominal, 648.

Ovaries, Adenoma of, 611.

PANCREAS, Fat necrosis of, 733; Traumatic cyst of the, 708; Cyst of, 723.
Patella, multiple fracture of, Suture for, 708; Structure, fracture, and refracture of the, 749.
Penis, Carcinoma of the, 738, 831.
Pericarditis, Suppurative; its surgical treatment, 769.
Peritoneum, Ability of, to overcome sepsis, 139; Drainage of, 143.
PHILADELPHIA ACADEMY OF SURGERY, Transactions of the, 616, 714.
Poland on Traumatic Separation of the Epiphysis, Review of, 147.
Popliteal aneurism, Gangrene of foot after ligation of femoral artery, 612.
PORTER, CHARLES BURNHAM, Suppurative pericarditis and its surgical treatment, 769.
Price-Brown on Diseases of the Nose and Throat, Review of, 148.
Progressive Medicine, Review of, 741.
Projectiles des Armes de Guerre, Review of Nimier and Laval upon, 746.
Pylorus, Benign obstruction of the, 874.
Prostatic hypertrophy, Results of castration and vasectomy for, 309.
Pylorus, Benign obstruction of the 17.

RADIUS, Pathology of fracture of the lower extremity of the, 194, 388.
RAMSAY OTTO G., Surgical Treatment of primary renal tuberculosis, 461.
RAW, NATHAN, Result of operation for cancer of penis, 831.
Rectum, Carcinoma of, 726; Treatment of carcinoma of, at the Rostock Clinic, 861; Removal of movable carcinoma of, by invagination and ligature, 863; Gumma of, in a youth of eighteen, 609; Prolapse of, 138.
Rostock Clinic, Treatment of carcinoma of the rectum at the, 861.

SAPHENOUS vein, internal, Cystic distention of, simulating femoral hernia, 297.
Seminal vesicles, Resection of, 557, 567, 606.
SHILLITOE, ARTHUR, Note on a case of syphilis terminating in death, 126.
Shoulder-joint, Method of excision of, 283.
SOMMER, GEORGE N. J., Transperitoneal ureterolithotomy, 843.
Spinal cocainization, Surgical analgesia by, 847.
Spine, Fracture of the, 833.
STIMSON, LEWIS A., Cubitus varus, 301.
Stomach, hour-glass; Its surgical treatment, 56; cancer of, Diagnosis of, 96; Adhesions about, 123; Perforating ulcer of, 1; pyloric orifice of, Benign obstruction of, 17; dilatation of, Surgical treatment of, 41; Malignant diseases of the, 251.
Surgery, Walsham's Theory and Practice, Review of, 871.
Surgical Treatment, Review of Cheyne and Buyhard's Manual of, Vol. iii, 747.
Syphilis, Note on a case terminating in death, 126.

TAYLOR, WILLIAM J., Excision of the wrist by Mynter's method, 360, 618.
Testis, Sarcoma of, 712; Tuberculosis of, 606.
Tetanus, 219, 416, 575.
Thomson on Neuroma and Neurofibromatosis, Review of, 872.

Tongue and mouth, Angioma of, 129.
Torticollis, spasmodic, Operative treatment of, 732.
Traumatic origin of tumors, 853.
Trephining for tumors of the brain, 855.
Tuberculosis of abdominal muscles, 734; of the breast, 604; of genital tract, 606; of cervical vertebra, and by trephining, 607; of the bones and joints of the foot, 859; of kidney, Results of surgical treatment of, 461; of the wrist-joint, Relation of the os magnum to, 278; of vas deferens and seminal vesicle, 567.
Tumors, traumatic origin of, 853.
Typhoid fever, Suppuration of wrist as sequel to, 135.

UMBILICAL hernia, Radical cure of, 663.
Urachus fistulæ, 736.
Ureteral implantation, 165.
Ureterolithotomy, Transperitoneal, 843.
Ureters, Best method of collecting urine from, 149.

VAGINA, absence of, Colpoplasty for, 572.
Vas deferens, Resection of, 557, 567, 606.
Vasectomy for prostatic hypertrophy, Results of, 309.
Vertebra, Tuberculosis of cervical, cured by trephining, 607.

WALKER, JOHN B., Femoral thrombosis after operation for appendicitis, 451.
Walsham's Theory and Practice of Surgery, Review of, 871.
WARBASSE, JAMES P., Co-operation of surgeons in the making of surgical history, 454.
WATSON, FRANCIS SEDGWICK, Hourglass stomach and its surgical treatment, 56.
WIENER, JOSEPH, JR., Intra-abdominal omental torsion, 648.
WILSON, H. AUGUSTUS, Excision of wrist-joint, 618.
WOOD, ALFRED C., Results of castration and vasectomy for prostatic hypertrophy, 309.
WOOLSEY, GEORGE, Massage in the treatment of recent peri-articular fractures, 351, 604; Aneurism of the aorta and subclavian, 452.
Wounds, Closure of, without suture, 446.
Wrist-joint, Suppuration of, as sequel to typhoid fever, 135; Resection of, 618; Excision by Mynter's method, 360; tuberculosis, Relation of the os magnum to, 278.

YOUNG, HUGH H., Resection of the seminal vesicles, vasa deferentia, and half of the bladder, 557.